Sheet 1 of 31							
Form PTO/SB/08	IA			ATTY DOCKET NO. 00952-8033		APPLICATION NO. 09/764,445	
LIST		FERENCES CITE PLICANT(S)	ĒD	APPLICANT(S) Edward W. MERRILL			
Date Submitted	i: April	4, 2011		FILING DATE January 19, 2001		GROUP 1765	
				S. PATENT DOCUMENT			
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	G01	2,989,451	6/20/61	Prochaska	204	154	
	G22	2,904,480	9/15/59	Rainer et al.	204	154	
	G#3	2,948,666	8/9/60	Lawton	204	154	
	G#8	3,022,543	2/27/62	Baird Jr. et al.	18	57	
	G05	3,057,791	10/9/62	Anderson Jr.	220	154	
	G06	3,090,770	5/21/63	Gregorian	260	45.5	
	G07	3,162,623	12/22/64	Cairus et al.	260	87.7	
	G43	3,200,056	8/10/65	Bond	204	154	
	Gús	3,231,481	1/25/66	Amemiya et al.	204	154	
	G18	3,297,641	1/10/67	Werber et al	260	66	
	G13	3,330,748	7/11/67	Lawton	204	15€	
	G22	3,352,818	11/14/67	Meyer et al.	260	45.7	
	G13	3,362,897	1/9/68	Lawton	204	159.2	
	G14	3,563,869	2/16/71	Rainer et al.	200	159.2	
	G05	3,616,365	10/26/71	Stastny et al.	220	159.14	
	G16	3,698,017	10/17/72	Scales et al.	3	1	
	G17	3,783,115	1/1/74	Zeppenfeld	200	159.2	
	G13	3,758,273	9/11/73	Johnston et al.	21	54 R	
	G15	3,832,827	9/3/74	Lemelson	53	111 R	
	G22	3,886,056	5/27/75	Kitamaru et al.	204	159.2	
	G <b>0</b> 1	3,944,536	3/16/76	Lupton et al.	260	94,9 R	
	G22	4,226,905	10/7/80	Harbourne	428	220	

Sheet 2 of 31 Form PTO/SB/08A ATTY DOCKET NO. APPLICATION NO. 00952-8033 09/764,445 LIST OF REFERENCES CITED APPLICANT(S) BY APPLICANT(S) Edward W. MERRILL et al. GROUP FILING DATE Date Submitted: April 1, 2011 January 19, 2001 1765 U.S. PATENT DOCUMENTS \*EXAMINER DOCUMENT DATE CLASS SUBCLASS NAME FILING DATE IF INITIAL NUMBER (M/D/Y) APPROPRIATE G29 4.241.463 12/30/80 Khovavlo 3 1.913 1.912 4.385,405 5/31/88 Teinturier 3 4,524,467 DeCarlo, Jr. 603 623 4 535 486 Roberts et al. G27 522 4.586.995 5/6/86 Randall et al. G29 4.587.163 5/6/86 Zachariades 428 4/7/87 623 G29 4.655.769 Zachariades 10/20/87 Cook et al. 264 G3# 4,701,288 4,747,990 5/31/88 264 G38 Gaussens et al. 3/21/90 425 G32 4.813.210 Masuda et al. 4.820.466 4/10/90 264 400 G38 G32 4.832.965 5/3/89 Helin 426 66 4.888.141 12/19/89 Bastiaansen et al. 264 22 1/9/90 G36 4 892 552 Ainsworth et al. 4 902 460 2/20/90 264 G38 Yaqi et al. G38 4 916 198 4/10/90 Scheve et al. 351 4.944.974 7/31/90 Zachariades 264 G40 4.950.151 8/21/90 Zachariades 400 G40 4.954.299 9/4/90 Greig et al. 264 5,001,008 3/19/91 Tokita et al. 428 400 352 G40 5.001.206 3/19/91 Bashir et al. 526

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 3 of 31			
Form PTO/SB/08A	ATTY DOCKET NO. 00952-8033	APPLICATION NO. 09/764,445	
LIST OF REFERENCES CITED BY APPLICANT(S)	APPLICANT(S) Edward W. MERRILL et al	l.	
Date Submitted: April 1, 2011	FILING DATE January 19, 2001	GROUP 1765	-

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	G44	5,014,494	5/14/91	George	53	425		
	G45	5,017,627	5/21/91	Bonfield et al.	523	115		
	G49	5,024,670	6/18/91	Smith et al.	623	18		
	G48	5,030,402	7/9/91	Zachariades	264	138		
	G48	5,037,928	8/5/91	Li et al.	526	352		
	G49	5,047,446	9/10/91	DeNicola, Jr.	522	157		
	G50	5,059,196	10/22/91	Coates	606	99		
	G51	5,066,755	11/19/91	Lemstra	526	348.1		
	G52	5,082,869	1/21/92	Braga et al.	521	101		
	G53	5,096,654	3/17/92	Craggs et al.	264	570		
	G54	5,123,924	6/23/92	Sioshansi et al.	623	16		
	G55	5,123,925	6/23/92	Smestad et al.	623	16		
	G56	5,153,039	10/6/92	Porter et al.	428	36.92		
	G54	5,164,464	11/17/92	Hefner , Jr. et al.	525	531		
	G54	5,160,472	11/3/92	Zachariades	264	136		
	G59	5,160,677	11/3/92	Gravener et al.	264	101		
	G6\$	5,200,439	4/6/93	Asanuma	522	157		
	G63	5,292,584	3/8/94	Howard et al.	428	327		
	G62	5,352,732	10/4/94	Howard	524	789		
	G63	5,358,792	10/25/94	Mehta et al.	428	516	· · · · · · · · · · · · · · · · · · ·	
	G63	5,407,623	4/18/95	Zachariades et al.	264	119		

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orm PTO/SB/0	8A			ATTY DOCKET NO. 00952-8033		APPLICATION NO. 09/764,445		
LIST		FERENCES CITE PLICANT(S)	ΕD	APPLICANT(S) Edward W. MERRILL et al.				
ate Submitte	d: <b>April</b>	1, 2011		FILING DATE January 19, 2001		GROUP 1765		
			U.	S. PATENT DOCUMENT				
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	G65	5,414,049	5/9/95	Sun et al.	525	333.7		
	G66	5,428,079	6/27/95	Bastiaansen et al.	522	161		
	G67	5,449,745	9/12/95	Sun et al.	528	483		
	G68	5,466,530	11/14/95	England et al.	428	411.1		
	G65	5,478,906	12/26/95	Howard Jr.	526	352		
	G78	5,480,683	1/2/96	Chabrol et al.	428	525		
	G71	5,507,446	4/16/96	Ditzig	242	372		
	G72	5,508,319	4/16/96	DeNicola, Jr. et al.	522	161		
	G73	5,515,590	5/14/96	Pienkowski	29	404		
***************************************	G74	5,543,571	8/6/96	Burk	564	150		
	G75	5,549,698	8/27/96	Averill et al.	623	22		
	G76	5,549,700	8/27/96	Graham et al.	623	22		
	G77	5,552,104	9/3/96	DeNicola, Jr. et al.	264	456		
	G78	5,650,485	7/22/97	Sun et al.	528	483		
	G73	5,577,368	11/26/96	Hamilton et al.	53	432		
	G80	5,593,719	11/4/97	Dearnaley et al.	428	2.26		
	G\$1	5,609,643	3/11/97	Colleran et al.	623	22		
	G8€	5,650,485	7/22/97	Sun et al.	528	483		
	G\$3	5,652,281	7/29/97	Galli et al.	522	114		
						101		
	G80	5.684,124	11/4/97	Howard, Jr. et al.	528	481	1	

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Form PTO/SB/0	A80			ATTY DOCKET NO. 09952-8033 APPLICATION NO. 09764,445					
LIS		FERENCES CITE PPLICANT(S)	ED	APPLICANT(S) Edward W. MERRILL	et al.				
Date Submitte	ed: April	1, 2011		FILING DATE January 19, 2001					
		~		S. PATENT DOCUMENT					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE (M/D/Y)	NAME	CLASS	SUBCLASS	FILING DATE I APPROPRIATI		
	G86	5,753,182	5/19/98	Higgins	422	23			
	G87	5,824,411	10/20/98	Shalaby et al.	423	364			
	G88	5,834,113	11/10/98	Shalaby et al.	428	364			
	G86	5,869,575	2/9/99	Kolthammer et al.	525	240			
	GST	5,874,123	2/23/99	Park	427	2.24			
	G91	5,879,400	3/9/99	Merrill et al.	623	22			
	G92	5,972,444	10/26/99	Patel et al.	428	35.2			
	G93	6,005,053	12/21/99	Parikh et al.	525	221			
	G87	6,017,975	1/25/00	Saum et al.	522	161			
	G99	6,096,084	8/1/00	Townley	623	23.12			
	G99	6,143,232	11/7/00	Rohr	623	18			
	G87	6,165,220	10/20/90	McKellop et al.	623	18			
	G8¥	6,168,626	1/2/01	Hyon et al.	623	18.11			
	G99	6,174,932	1/16/01	Pachl et al.	522	100			
	G100	6,174,934	1/16/01	Sun et al.	523	113			
	G101	6,184,265	2/6/01	Hamilton et al.	522	189			
	G102	6,228,900	5/8/01	Shen et al.	522	153			
	G103	6,242,507	6/5/01	Saum et al.	522	161			
	G108	6 245 276	6/12/01	McNulty et al	264	322	-		

Salovey et al.

Saum et al.

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Form PTO/SB/							PPLICATION NO. 9/764,445		
LIS		FERENCES CITE PPLICANT(S)	D	APPLICANT(S) Edward W. MERRILL et al.					
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			U.	S. PATENT DOCUMENTS	3				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE (M/D/Y)	NAME	CL	ASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	G107	6,372,814	4/16/02	Sun et al.	522		161		
	G100	6,414,086	7/2/02	Wang et al.	525		191		
	G100	6,432,349	8/13/02	Pletcher et al.	264		479		
	G110	6,436,137	8/20/02	Wang et al.	623		11.11		
	G110	6,464,926	10/15/02	Merrill et al.	264		485		
	G110	6,494,917	12/17/02	McKellop et al.	623		23.58		
	G110	6,503,439	1/7/03	Burstein	264		469		
	G110	6,506,866	11/4/03	Jacobsen et al.	526		348		
***************************************	G110	6,547,828	4/15/03	Scott et al.	623		66		
	G116	6,638,311	10/28/03	Wang et al.	623		22.32		
	G117	6,641,617	11/4/03	Merrill et al.	623		23.58		
	G118	6,818,171	11/16/04	Wang et al.	264		478		
***************************************	G110	6,849,224	2/1/05	Wang et al.	264		478		
	G112	6,905,511	6/14/05	Wang et al.	623		11.11		

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Form PTO	/SB/08A						PPLICATION NO. 1764,445		
		FERENCES CITE PPLICANT(S)	ED	APPLICANT(S) Edward W. MERRILL et al.					
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	G114	896852	9/7/89	South Africa					
	G114	0 177 552	5/27/92	Europe					
	G115	0 218 993	11/7/90	Europe					
	G119	0 218 993	2/2/94	Europe					
	G117	0 373 800	5/25/94	Europe	-				
	G114	0 376 503	7/4/90	Europe					
	G119	0 722 973	12/17/03	Europe	-				
	G120	0 729 981	3/20/02	Europe					
	G12€	0 737 481	9/8/04	Europe					
	G122	2 060 469	5/7/81	United Kingdom	-				
	G120	2 180 815	4/8/87	United Kingdom					
	G124	2 156 733	10/16/85	United Kingdom	+				
	G125	2 157 298	10/23/85	United Kingdom	+				
	G126	2 225 551	6/6/90	United Kingdom	1				
	G120	2 207 436	2/1/89	United Kingdom					
	G128	04185651	7/2/92	Japan	-			х	
	G129	041982242	7/17/92	Japan				Х	
	G13#	58157830	9/20/83	Japan				х	
	G131	59071830	4/23/84	Japan	-				
	G131	WO90/11060	10/4/90	WIPO					

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Form PTO/SB/0				ATTY DOCKET NO. 00952-8033			ICATION NO. 4,445		
LIS.		FERENCES CITE PPLICANT(S)	D	APPLICANT(S) Edward W. MERRILL et a	l.				
Date Submitte	d: April	1, 2011		FILING DATE January 19, 2001			GROUP 1765		
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	G135	WO00/62717	10/26/00	WIPO					
	G136	WO01/05337	1/25/01	WIPO					
	G137	ZA-896852 (duplicate of A113)	9/7/89	South Africa					
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orm PTO/SB	/08A			ATTY DOCKET NO. 00952-8033	09/76	ICATION NO. <b>4,445</b>			
LIS		FERENCES CITE PLICANT(S)	D	APPLICANT(S) Edward W. MERRILL et a	ı.				
ate Submit	ted: April	4, 2011		FILING DATE January 19, 2001					
		OTHER DOC	JMENT(S) (	Including Author, Title, Date,	Pertinent Page	es, Etc.)			
	G139	Akay et al.		hys. Chem. 36(3): 337-343 (1					
	G139	Allen et al.	Polymer I	Degradation & Stability 19: 77	-95 (1987)				
	G140	Allen et al.	Applied C	rganometallic Chemistry 1: 3	11-317 (1987)				
	G141	Allen et al.	Polymer [	Degradation and Stability 39:	293-297 (1993	3)			
	G142	Allen et al.	J. of Chro	matography 629: 283-290 (19	993)				
	G140	Allen et al.	Chemistry	y & Industry, pp. 16-17 (1990)					
	G144	Allen et al.		s of Ionising Radiation of Additives Present in Food-contact Polymers, Food & the Chemist, pp. 124-139 (1990)					
	G145	Allen et al.		y & Industry, pp. 198-199 (198					
	G146	Allen et al.	Chemistr	y & Industry, pp. 854-855 (198	37)				
	G147	Allen et al.	Radiat. P	hys. Chem. 38(5): 461-465 (1	991)				
	G148	Allen et al.	Food Add	litives & Contaminants 5(1): 4	33-435 (1988)				
	G149	Allen et al.	Chemistr	y & Industry, pp. 399-400 (198	38)				
	G150	Allen et al.	Chemistr	y & Industry, pp. 38-39 (1989)	I				
	G15€	Alexander et al.	J. Poly. S	ci. XXII(101): 343-348 (1956)					
	G152	Amstutz	Orthoped	ic Clinics of North America 4(	2): 235-248 (1	973)			
	G153	Amstutz	Implant V		t Replacement	i, pp. 1-27, Symposium, Oakbrook,			
	G154	Amstutz		d. Mater. Res. 3: 547-568 (19	68)				
	G155	Amstutz et al.	J. Biomed	d. Mater. Res. 10: 25-31 (197	6)				
	G156	Artandi	Radiat. P	hys. Chem. 9: 183-191 (1977	)				
	G157	Atkinson et al.	Transacti	ons of the ASME 100: 208-21	8 (1978)				
	G158	Azuma et al.	Agric. Bio	l. Chem. 48(8): 2003-2008 (1	984)				
***************************************	G159	Azuma et al.	Agric. Bio	ol. Chem. 47(4): 855-860 (198	3)				
	G160	Baker et al.	Study of t	fatigue resistance of chemica r weight polyethylene, pp. 573	and radiation	crosslinked medical grade ultrahig			

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 10 of 3	1				Name and American					
Form PTO/SB/0				ATTY DOCKET NO.		LICATION NO.				
				00952-8033	09/7	64,445				
LIST		FERENCES CITE	D	APPLICANT(S) Edward W. MERRILL et a	ıl.					
Date Submitte	d: April 4	4, 2011		FILING DATE GROUP January 19, 2001 1765						
		OTHER DOCL	JMENT(S) (I	I ncluding Author, Title, Date,	Pertinent Pac	ies. Etc.)				
	G161	Baker et al.		41: 795-808 (2000)						
	G162	Bakker	The Wiley	Engual anadia of Dackarina Tacharlagu na 520 562 9 564 (4000)						
	G102	Dakker	The villey	ey Encyclopedia of Packaging Technology, pp. 530, 562 & 564 (1986)						
	G163	Bankston, et al.	Clinical Or	thopaedics and Related Res	earch 317: 7-	13 (1995)				
	G164	Bargmann et al.	Clinical Or	thopaedics and Related Res	earch 369: 49	3-58 (1999)				
	G165	Barrett	Int. J. Appl	. Radiat. Isot. 33: 1177-118	7 (1982)					
	G166	Bartel	J. Bone &	Joint Surgery 68-A(7): 1041-	1051 (1986)					
	G167	Bartel	229-239 (1	983)		lene Acetabular Components, pp.				
	G168	Barton et al.	Crosslinke	ve Wear Under Three Differ d Ultra High Molecular Weig Society, March 16-19, 1998,	ht Polyethyle	ne, 44th Annual Meeting, Orthopaedic				
	G169	Basheer	Journal of	Polymer Science: Polymer	Physics Edition	on 21: 949-956 (1983)				
	G178	Baskett	Nature 174	1: 364-365 (1954)						
	G178	Bayley et al.	J. of Bone	& Joint Surgery 70-A(5): 66	8-674 (1988)					
	G172	Bechenbaugh et al.		& Joint Surgery 60-A(3): 30						
	G173	Beenen et al.		hys. Chem. 35(1-3): 364-368 (1990)						
	G174	Bell et al.		& Joint Surgery 67-A(8): 11		5)				
	G178	Bellare et al.		ils 17(24): 2325-2333 (1996						
	G176	Bellare et al.		thylene History, pp. 45-50 (n						
	G177	Bennett et al.	42 <sup>nd</sup> Annua	al Meeting, Orthopedic Rese	arch Society,	mparison to Commercial UHMWPE, Atlanta, Georgia, p. 472 (1996)				
	G178	Berry et al.	characteria	zation of Six "Off the Shelf"	Acetábulár C	e in Articular Prosthesis - I Polymer omponents, ORPL (1984)				
	G179	Bhambri et al.	Crosslinke Transactio	d Polyethylene, 1999 Socie ns, pg. 505	mulator and f ty of Biomater	Pin-On-Flat Wear Particles of Highly rials, 25th Annual Meeting				
	G1\$8	Bhateja	Polymer 2	3: 654-655 (1982)						
	G181	Bhateja	Journal of	Applied Polymer Science 28	3: 861-872 (19	983)				
	G182	Bhateja	Journal of	Polymer Science: Polymer	Physics Edition	on, Vol. 21, 523-536 (1983)				
	G183	Bhateja	1	2: 23-28 (1981)						
	G184	Bhateja et al.	Polymer E	Engineering and Science, November 23 (16): 888-894 (1983)						
	G185	Biedermann et al.	Journal of	Chromatography A(764): 65						
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LIST		ERENCES CITE PLICANT(S)	D	APPLICAN Edward W.	T(S) . MERRILL et al.				
Date Submitted	i: April 4	1, 2011		FILING DATE GROUP  January 19, 2001 1765					
		OTHER DOCU	IMENT(S) (In	ncluding Auth	or, Title, Date, Pertine	ent Page	s, Etc.)		
	G186	Billmeyer, Jr. et al.		of Polymer Science, 3 <sup>rd</sup> Edition, pp. 312-314 (1984)					
	G187	Birkinshaw et al.		,	hysics 14: 549-558 (*				
	G183	Birkinshaw et al.			ns 28: 286-288 (1987				
	G189	Birkinshaw et al.	, i		Stability 22: 285-294				
	G190	Birkinshaw et al.	J. Applied	Polymer Scie	ince 38: 1967-1973 (1	989)			
	G191	Black	Orthopaed	ic Biomateria	Is in Research and Pr	actice, p	p. 144-150 (1988)		
	G192	Black et al.	J. of Chron	natography 6	37: 71-80 (1993)				
	G169	Blackadder et al.	Polymer 1	1(2): 147-164	(1970)				
	G194	Blackadder et al.	Polymer 13	3: 584-586 (1972)					
					Related Research 273	: 253-26	0 (1991)		
	G198	Blunn et al.	J. Bone &	Joint Surgery	84-B(7): 946-949 (20	002)			
	G197	Booth			echnologies; New and nostic Industry, pp. 64		nds Shape Manufacturer Choices,		
	G194	Bosboom, et al.	Journal of	Chromatogra	phy A(723); 384-391	(1996)			
	G199	Bostrom et al.	Degradatio	n in Polyethy	velene As A Result of thopaedic Research	Sterilizat Society, I	ion, Shelf Storage, and In Vivo Use, New Orleans, LA, p. 288 (1994)		
	G200	Bourges et al.	Packaging	Technology	& Science 5: 205-209	(1992)			
	G201	Bourges et al.	"	••	and Science 5: 197-2				
	G202	Bourges et al.	Food Addit	tives and Cor	ntaminants 10(4): 443	-452 (19	93)		
	G203	Boyd et al.	J. Agric. Fo	ood Chem. 3	9: 789-792 (1991)				
	G204	Bragdon et al.			h Undetectable Wear MATERIALS, San Die		lion Cycles, 24 <sup>th</sup> Annual Meeting of b. 2. (1998)		
	G205	Brinston	Radiat. Ph	ys. Chem. 35	5(1-3): 390-392, (1990	))			
	G206	Brinston,	Gaining Th 28-33 (199		e Edge with Gamma	Sterilizat	on, Medical Device Technology, pp.		
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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